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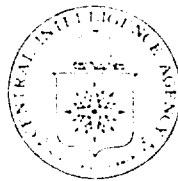
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PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART IV
MISSION 4016
13-16 MARCH 1965



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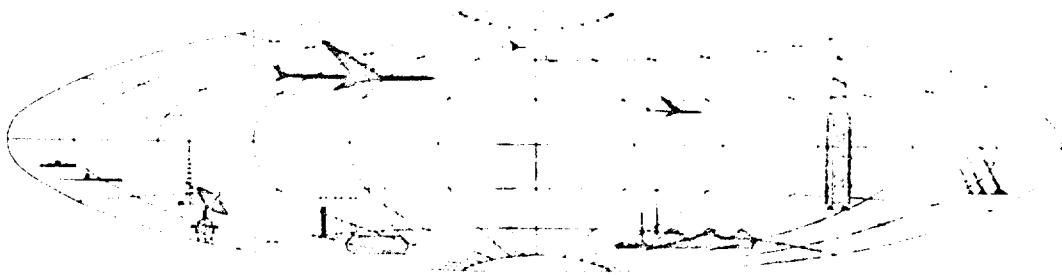


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MISSION 4016 13-16 MARCH 1965

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OAK - PART IV

MISSION 4016

PREFACE

THIS IS THE FOURTH OF SEVERAL OAK REPORTS ON MISSION 4016 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. DROVYANAYA ICBM LAUNCH GROUP G

THERE ARE 5 NEWLY IDENTIFIED LAUNCH SITES UNDER CONSTRUCTION. ONE SITE IS CONSIDERED PROBABLE AND THE OTHER 4 ARE CONFIRMED TYPE 111D SITES. A PROBABLE SUPPORT/CONTROL FACILITY UNDER CONSTRUCTION HAS BEEN IDENTIFIED NEAR LAUNCH SITE G2.

2. PERM ICBM COMPLEX

THE PREVIOUSLY REPORTED POSSIBLE SINGLE SILO LAUNCH SITES HAVE BEEN CONFIRMED, AND 1 PROBABLE SITE AND 1 POSSIBLE SITE ARE NEWLY IDENTIFIED MAKING A TOTAL OF 9. SITE SIGNATURE INDICATES THAT THESE SITES ARE SIMILAR TO THOSE DEPLOYED AT OLOVYANNAYA AND TATISHCHEVO.

3. SHUANG-CHENG-TZU LAUNCH COMPLEX C

AN EXTENSION MEASURING APPROXIMATELY 50 X 25 FT HAS BEEN ADDED TO THE SOUTHEASTERN CORNER OF THE 130-X 80-FT LAUNCH PAD.

4. MOSCOW SAM SITE E24-1

CHANGES OBSERVED INCLUDE THE ADDITION OF A NUMBER OF STRUCTURAL SECTIONS IN THE TRIAD AREA.

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7. MYS KHARASAVEY TALL KING AW RADAR FACILITY

NEWLY IDENTIFIED FACILITY CONSISTS OF A TALL KING RADAR SITE, A COMBINED SUPPORT, COMMUNICATIONS, AND CONVENTIONAL AW RADAR SITE, AND 2 ADDITIONAL COMMUNICATIONS SITES.

8. VOLOCHANKA TALL KING AW RADAR FACILITY

A NEWLY IDENTIFIED FACILITY IS LOCATED 1 NM SE OF VOLOCHANKA AND CONTAINS A CONTROL BUILDING WITH A TALL KING ANTENNA, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING, AND 5 FUEL OIL TANKS.

9. CHI-MO INFANTRY DIVISION

IN THE VICINITY OF CHI-MO, AN INFANTRY DIVISION IS DISPERSED IN 6 BARRACKS AREAS WHICH CONTAIN A TOTAL OF 232 BARRACKS, 22 ADMINISTRATION BUILDINGS, AND 236 SUPPORT BUILDINGS. A TOTAL OF 11 TANKS/SP GUNS AND 41 FA PIECES ARE OBSERVED.

STATUS OF COMOR TARGET READOUT

EIGHTY-NINE COMOR TARGETS WERE OBSERVED DURING THE THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

NOTE -- COMOR TARGETS OUTSIDE THE KH-7 SYSTEM ARE INDICATED BY THE ABSENCE OF THE M PREFIX.

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MISSILES

DROVYANAYA ICBM LAUNCH AREA A (SITE 1) UR 5125N 11300E

LAUNCH AREA COVERED ON CLEAR, GOOD QUALITY, NON-STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE OBSERVED SINCE IT WAS REPORTED COMPLETE [REDACTED] JUL 63. FOURTEEN VEHICLES ARE PARKED AT TWO AREAS AT THE LAUNCH SITE.

[REDACTED]

DROVYANAYA ICBM LAUNCH AREA C (SITE 4) UR 5127N 11303E

LAUNCH AREA C IS COVERED ON CLEAR, GOOD QUALITY, NON-STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE OBSERVED SINCE IT WAS REPORTED COMPLETE ON [REDACTED] DEC 63.

[REDACTED]

DROVYANAYA ICBM LAUNCH AREA E (SITE 5) UR 5122N 11250E

LAUNCH AREA E IS COVERED ON GOOD QUALITY, NON-STEREO PHOTOGRAPHY. IT SHOWS NO SIGNIFICANT CHANGE SINCE [REDACTED] NOV 64 WHEN IT WAS REPORTED COMPLETE. THERE ARE AT LEAST 3 PIECES OF PROBABLE GROUND SUPPORT EQUIPMENT PARKED ON THE APRON FORWARD OF THE SILOS. THERE ARE 2 PROBABLE VEHICLES ON THE APPROACH ROAD TO 1 OF THE 2 RIM BUILDINGS. NO ACTIVITY OBSERVED IN THE

[REDACTED]

[REDACTED]

DROVYANAYA ICBM LAUNCH AREA F (SITE 6) UR 5120N 11254E

LAUNCH AREA F IS COVERED ON GOOD QUALITY, NON-STEREO PHOTOGRAPHY. IT SHOWS NO SIGNIFICANT CHANGE SINCE [REDACTED] NOV 64 WHEN IT WAS REPORTED COMPLETE. THE LEFT SILO IS OPEN BUT THERE IS NO ACTIVITY IN THE VICINITY. THERE IS AT LEAST 1 PIECE OF PROBABLE GROUND SUPPORT EQUIPMENT PARKED ON THE APRON FORWARD OF THE SILOS. THERE ARE 2 PROBABLE VEHICLES ON THE ACCESS ROAD TO 1 OF THE 2 RIM BUILDINGS. NO ACTIVITY OBSERVED IN THE VICINITY [REDACTED]

[REDACTED]

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(SEE ATTACHMENT)

DROVYANAYA ICBM LAUNCH GROUP G (SITES 7-14 UR 5135N 11303E

LAUNCH GROUP G IS COVERED ON GOOD QUALITY, NON-STEREO PHOTOGRAPHY. THERE ARE 5 NEWLY IDENTIFIED LAUNCH SITES UNDER CONSTRUCTION. ONE SITE (G11) IS CONSIDERED PROBABLE AND THE OTHER 4 (G12-G15) ARE CONFIRMED TYPE IIID SITES. A PROBABLE SUPPORT/CONTROL FACILITY UNDER CONSTRUCTION HAS BEEN IDENTIFIED NEAR LAUNCH SITE G2. POSSIBLE SITE G9 AND SUSPECT SITE G10 WERE NOT COVERED BY THIS MISSION. ALL LAUNCH SITES COVERED BY THIS MISSION ARE IN A MID-STAGE OF CONSTRUCTION.

G1 (SITE 7) -- AT LAUNCH SITE G1, A SILO WITH AN ADJOINING STRUCTURE ON ITS NW SIDE IS UNDER CONSTRUCTION IN AN EXCAVATION. CABLE DITCHING EXTENDS FROM THIS SITE TO SITES G3 AND G5. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 380 FT FROM THE SILO ALONG THE APPROACH ROAD.

G2 (SITE 8) -- THE CHARACTERISTIC GRADED SILO ACCESS IS ORIENTED NNE/SSW. THE SILO APPEARS NEARLY BACKFILLED, HOWEVER, THE ADJOINING STRUCTURE ON THE NW SIDE IS STILL VISIBLE. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 380 FT FROM THE SILO ALONG THE ENTRANCE ROAD.

A PROBABLE SUPPORT/CONTROL FACILITY IS IDENTIFIED UNDER CONSTRUCTION NEAR SITE G2. THIS FACILITY CONSISTS OF AN ARCH-ROOFED BUILDING APPROXIMATELY 120 X 25 FT, ANOTHER BUILDING APPROXIMATELY 50 X 40 FT, AND 2 NEARLY SQUARE EXCAVATIONS APPROXIMATELY 10 X 10 FT. CABLE DITCHING CAN BE SEEN CONNECTING THIS FACILITY DIRECTLY WITH SITES G3-G5, G7, G11, AND G12 AND INDIRECTLY WITH SITES G1, G6, AND G8. TWO LARGE GABLE-ROOFED, RECTANGULAR BUILDINGS ARE LOCATED ON OPPOSITE SIDES OF THE MAIN ENTRANCE ROAD TO G2 AND THE PROBABLE SUPPORT/CONTROL FACILITY.

G3 (SITE 9) -- CABLE DITCHING CONNECTS SITE G3 WITH SITES G1 AND G2. THE SILO APPEARS MOSTLY BACKFILLED AND IS CAPPED WITH A PROBABLE ENVIRONMENTAL COVER. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 380 FT

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FROM THE SILO ALONG THE SITE ENTRANCE ROAD.

G4 (SITE 10) -- CABLE DITCHING CONNECTS SITE G4 WITH SITES G2 AND G11. THE CHARACTERISTIC GRADED SILO ACCESS IS ORIENTED NNE/SSW. THE SILO APPEARS MOSTLY BACKFILLED AND IS CAPPED WITH A PROBABLE ENVIRONMENTAL COVER. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 410 FT FROM THE SILO ALONG THE SITE ENTRANCE ROAD.

G5 (SITE 11) -- CABLE DITCHING CONNECTS SITE G5 WITH SITES G1, G2, AND G11. THE CHARACTERISTIC GRADED SILO ACCESS IS ORIENTED NNE/SSW. THE SILO WITH AN ADJOINING STRUCTURE ON ITS NW SIDE IS UNDER CONSTRUCTION IN AN EXCAVATION. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 350 FT FROM THE SILO ALONG THE SITE ENTRANCE ROAD.

G6 (SITE 12) -- CABLE DITCHING CONNECTS SITE G6 WITH SITES G7 AND G12. THE CHARACTERISTIC GRADED SILO ACCESS IS ORIENTED NNE/SSW. THE SILO APPEARS PARTIALLY BACKFILLED. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 520 FT FROM THE SILO JUST INSIDE THE SECURITY FENCE WHICH SURROUNDS THE SITE.

G7 (SITE 13) -- CABLE DITCHING CONNECTS SITE G7 WITH SITES G2, G6, AND G8. THE CHARACTERISTIC GRADED SILO ACCESS IS UNDER CONSTRUCTION AND ORIENTED NNE/SSW. THE SILO WITH AN ADJOINING STRUCTURE ON ITS NW SIDE IS UNDER CONSTRUCTION IN AN EXCAVATION. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 325 FT FROM THE SILO JUST INSIDE THE SECURITY FENCE WHICH SURROUNDS THE SITE.

G8 (SITE 14) -- CABLE DITCHING CONNECTS SITE G8 WITH SITES G4, G6, AND G7. THE CHARACTERISTIC GRADED SILO ACCESS IS NOT OBVIOUS BUT GROUND SNOW COVER OBSCURES SOME DETAILS. THE SILO APPEARS TO BE CAPPED WITH A PROBABLE ENVIRONMENTAL COVER. A BUILDING WITH A LOW EXTENSION IS APPROXIMATELY 400 FT FROM THE SILO ALONG THE SITE ENTRANCE ROAD.

G11 -- SITE G11 IS A NEWLY IDENTIFIED SITE. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] AND IT WAS FIRST PRESENT [REDACTED] CABLE DITCHING CONNECTS THIS SITE WITH SITES G4 AND G5. THE CHARACTERISTIC GRADED SILO ACCESS IS ORIENTED NNE/SSW. THE SILO APPEARS MOSTLY BACKFILLED AND CAPPED WITH A PROBABLE ENVIRONMENTAL COVER. A BUILDING WITH A LOW

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EXTENSION IS LOCATED JUST INSIDE THE PROBABLE SECURITY FENCE WHICH SURROUNDS THE SITE.

SITE G12 -- SITE G12 IS A NEWLY IDENTIFIED SITE. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] IT WAS FIRST PRESENT [REDACTED] CABLE DITCHES EXTEND FROM THIS SITE TO SITES G2 AND G6. THE SILO IS LOCATED ABOUT MID-POINT OF THE CHARACTERISTIC GRADED ACCESS WHICH IS ORIENTED NNE/SSW. AN ADJOINING STRUCTURE IS LOCATED ON THE NW SIDE OF THE SILO IN AN EXCAVATION CONTIGUOUS TO THE SILO EXCAVATION. A BUILDING WITH A LOW EXTENSION IS LOCATED ABOUT 400 FT FROM THE SILO ALONG THE SITE ENTRANCE ROAD. SMOKE FROM A BRUSH FIRE PARTIALLY OBSCURES THE SITE.

SITE G13 -- SITE G13 IS A NEWLY IDENTIFIED SITE. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] IT WAS FIRST PRESENT [REDACTED] THE SILO IS LOCATED ABOUT MID-POINT OF THE CHARACTERISTIC GRADED ACCESS WHICH IS ORIENTED NNE/SSW. THE SILO HAS NO COVERING [REDACTED]

BACKFILLING AROUND THE SILO IS INCOMPLETE. FOOTINGS FOR A BUILDING APPROXIMATELY 120 X 25 FT ARE LOCATED AT ABOUT THE SAME DISTANCE AND ORIENTATION FROM THE SILO AS THE ARCH-ROOFED BUILDING AT THE PROBABLE SUPPORT/CONTROL FACILITY AT SITE G2.

G14 -- SITE G14 IS A NEWLY IDENTIFIED SITE. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] AND IT WAS PRESENT [REDACTED] THE SILO IS LOCATED IN A SHALLOW EXCAVATION ABOUT MID-POINT ALONG THE CHARACTERISTIC GRADED ACCESS. THIS GRADED ACCESS IS ALSO ORIENTED NNE/SSW AND IS UNDER CONSTRUCTION. A SINGLE FENCE ENCLOSES THIS SITE.

G15 -- SITE G15 IS A NEWLY IDENTIFIED SITE. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] IT WAS FIRST PRESENT [REDACTED] AN OPEN SILO IS LOCATED IN A SHALLOW EXCAVATION ABOUT MID-POINT ALONG THE CHARACTERISTIC GRADED ACCESS WHICH IS ORIENTED NNE/SSW. A STRUCTURE IN A SHALLOW EXCAVATION ADJOINS THE NW SIDE OF THE SILO. A DOUBLE SECURITY FENCE ENCLOSES THE SITE.

THE IDENTIFICATION OF 5 ADDITIONAL SINGLE SILO SITES AT THIS COMPLEX INDICATES THAT A SECOND GROUP IS UNDER CONSTRUCTION. WHEN THE PATTERN FOR THE SECOND GROUP CAN BE IDENTIFIED SOME OF THE PRESENT SITES MAY BE

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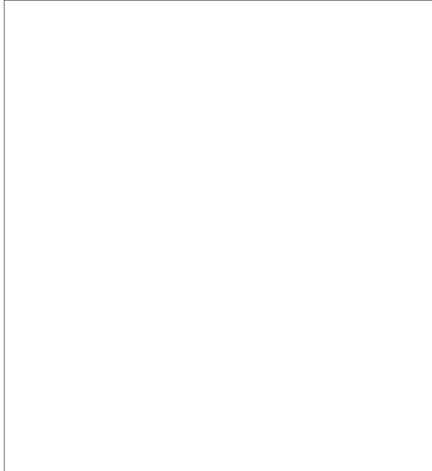
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RENUMBERED TO CONFORM TO THE PATTERN.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS



PERM ICBM COMPLEX

UR 5742N 05619E

THE COMPLEX IS PARTIALLY COVERED ON NON-STEREO PHOTOGRAPHY WITH SCATTERED CLOUDS AND HAZE. HEAVY SNOW COVERS THE GROUND THROUGHOUT THE COMPLEX. THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, AND LAUNCH AREAS A AND C ARE NOT COVERED. LAUNCH AREAS B, D, E, AND F ARE REPORTED SEPARATELY.

THE PREVIOUSLY REPORTED POSSIBLE SINGLE SILO LAUNCH SITES HAVE BEEN CONFIRMED, AND 1 PROBABLE SITE AND 1 POSSIBLE SITE ARE NEWLY IDENTIFIED -- MAKING A TOTAL OF 9. SITE SIGNATURE INDICATES THAT THESE SITES ARE SIMILAR TO THOSE DEPLOYED AT OLOVYANNAYA AND TATISHCHEVO, BUT NEITHER THE CIRCULAR PATTERN NOR THE CONTROL/SUPPORT FACILITY OBSERVED AT THOSE COMPLEXES HAS BEEN IDENTIFIED. BECAUSE THE EASTERNMOST AND WESTERNMOST SITES ARE APPROXIMATELY 15 NM APART, IT IS BELIEVED THAT THEY ARE POSSIBLY PARTS OF AT LEAST 2 LAUNCH GROUPS, AND THAT THE USUAL CIRCULAR PATTERN WILL BE APPARENT WHEN ADDITIONAL SITES ARE IDENTIFIED. THE SITES HAVE BEEN TENTATIVELY NUMBERED 1 THROUGH 9 FROM SOUTH TO NORTH AND EAST TO WEST FOR IDENTIFICATION PURPOSES, AND WILL BE REDESIGNATED WITH APPROPRIATE GROUP DESIGNATORS WHEN A POSITIVE PATTERN IS DETERMINED. MUCH SUSPECT ACTIVITY (CONSISTING MAINLY

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OF TRACK ACTIVITY IN THE SNOW) IS OBSERVED BUT CANNOT BE EVALUATED WITH DEFINITITUDE DUE TO LACK OF STEREO.

SITE 1 -- 3.8 NM WEST OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. IT CONSISTS OF AN L-SHAPED, LEVEL, MOUNDED-EARTH ACCESS TO THE SILO. THE SILO IS IN THE APPROXIMATE CENTER OF THE LEG OF THE 'L' THAT IS ORIENTED IN A NW/SE DIRECTION. THE SILO IS APPARENTLY BACKFILLED. A BUILDING APPROXIMATELY 115 X 30 FT IS SE OF THE SILO. THERE WAS NO EVIDENCE OF THE SITE ON [REDACTED] AND FIRST EVIDENCE IS OBSERVED ON [REDACTED]

SITE 2 -- 10 NM WEST OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. IT CONSISTS OF A T-SHAPED, LEVEL, MOUNDED-EARTH ACCESS TO THE SILO. THE SILO IS IN THE APPROXIMATE CENTER OF THE LEG OF THE T THAT IS ORIENTED IN A NW/SE DIRECTION. THE SILO IS APPARENTLY BACKFILLED. A BUILDING 100 X 30 FT AND A SMALL STRUCTURE WITH AN EXTENSION ARE NORTH OF THE SILO. THERE WAS NO EVIDENCE OF THE SITE [REDACTED] AND FIRST EVIDENCE IS OBSERVED [REDACTED]

SITE 3 -- 13 NM WEST OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. A GENERALLY SQUARE SECURITY FENCE ENCOMPASSES A SHALLOW EXCAVATION IN WHICH A SILO IS UNDER CONSTRUCTION. A BUILDING APPROXIMATELY 100 X 30 FT IS NORTH OF THE SILO. THERE WAS NO EVIDENCE OF THE SITE [REDACTED] AND FIRST EVIDENCE IS OBSERVED [REDACTED]

SITE 4 -- 15 NM WEST OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. A CIRCULAR SILO IS UNDER CONSTRUCTION IN A SHALLOW EXCAVATION. A BUILDING APPROXIMATELY 100 X 30 FT IS WEST OF THE SILO. THERE WAS NO EVIDENCE OF THE SITE [REDACTED] AND FIRST EVIDENCE IS OBSERVED [REDACTED]

SITE 5 -- 7 NM WNW OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. THE SITE CONSISTS OF A SILO UNDER CONSTRUCTION IN A SHALLOW EXCAVATION. A PROBABLE CABLE DITCH EXTENDS NE TO THE VICINITY OF SITE 8. A BUILDING 115 X 30 FT IS EAST OF THE SILO. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] AND FIRST EVIDENCE IS OBSERVED [REDACTED]

SITE 6 -- 4.2 NM NW OF THE COMPLEX SUPPORT FACILITY. THIS IS A POSSIBLE SITE. IT CONSISTS OF AN AREA OF [REDACTED]

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CONSIDERABLE TRACK ACTIVITY IN THE SNOW. A POSSIBLE EXCAVATION WITH A POSSIBLE CIRCULAR STRUCTURE IN IT IS IN THE AREA. THERE WAS NO EVIDENCE OF THIS SITE ON [REDACTED] AND FIRST EVIDENCE IS OBSERVED ON [REDACTED]

SITE 7 -- 3.7 NM WEST OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. IT CONSISTS OF CONSIDERABLE TRACK ACTIVITY IN THE SNOW IN WHICH IS A PROBABLE EXCAVATION. PROBABLE CABLE DITCHING EXTENDS WEST FROM THE VICINITY OF THIS SITE TO THE VICINITY OF SITE 8. THERE WAS NO EVIDENCE OF THIS SITE [REDACTED] AND FIRST EVIDENCE IS OBSERVED [REDACTED]

SITE 8 -- 4 NM NW OF THE COMPLEX SUPPORT FACILITY. THIS IS A CONFIRMED SITE. A CIRCULAR SILO IS UNDER CONSTRUCTION BUT DETAILS ARE OBSCURED BY HEAVY SNOW. A BUILDING APPROXIMATELY 100 X 30 FT IS ADJACENT TO THE SILO AND A SMALL BUILDING WITH AN EXTENSION IS SE OF THE SILO. PROBABLE CABLE DITCHING FROM THE VICINITY OF THE SITE EXTENDS EAST TO THE VICINITY OF SITE 7 AND SW TO THE VICINITY OF SITE 5. THERE WAS NO EVIDENCE OF THE SITE [REDACTED] AND FIRST EVIDENCE IS OBSERVED [REDACTED]

SITE 9 -- 5.8 NM NNW OF THE COMPLEX SUPPORT FACILITY. THIS IS A PROBABLE SITE. IT CONSISTS OF A LOOP ROAD WITH A PROBABLE SILO UNDER CONSTRUCTION. HEAVY SNOW OBSCURES DETAILS. THERE WAS NO EVIDENCE OF THE SITE ON [REDACTED] AND FIRST EVIDENCE IS OBSERVED ON [REDACTED]

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS [REDACTED]

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PERM ICBM LAUNCH AREA B (SITE 2)

UR 5743N 05555E

LAUNCH AREA B IS COVERED ON NON-STEREO PHOTOGRAPHY WITH HEAVY GROUND SNOW COVER. APPROXIMATELY 20 VEHICLES/EQUIPMENT ARE WITHIN THE SITE. A POSSIBLE MISSILE/TRANSPORTER APPROXIMATELY 90 X 10 FT IS IN FRONT OF THE LARGE READY BUILDING ASSOCIATED WITH THE RIGHT PAD. NO SIGNIFICANT CHANGE IN FACILITIES SINCE

(SEE ATTACHMENT)

PERM ICBM LAUNCH AREA D (SITE 6)

UR 5744N 05600E

LAUNCH AREA D IS COVERED ON NON-STEREO PHOTOGRAPHY WITH HEAVY GROUND SNOW COVER. A POSSIBLE MISSILE/TRANSPORTER APPROXIMATELY 90 X 10 FT IS IN FRONT OF THE LARGE READY BUILDING ASSOCIATED WITH THE RIGHT PAD. NO SIGNIFICANT CHANGE IN FACILITIES SINCE

PERM ICBM LAUNCH AREA E (SITE 5)

UR 5741N 05547E

LAUNCH AREA E IS COVERED ON NON-STEREO PHOTOGRAPHY WITH HEAVY GROUND SNOW COVER. INTERPRETATION IS HINDERED BY SCATTERED CLOUDS AND HAZE. NO APPARENT CHANGE IN FACILITIES

PERM ICBM LAUNCH AREA F (SITE 4)

UR 5741N 05604E

LAUNCH AREA F CAN BE IDENTIFIED ONLY DUE TO SCATTERED CLOUDS AND HAZE.

KOZELSK ICBM COMPLEX

UR 5356N 03549E

SEVERAL AREAS OF NEW ACTIVITY ARE IDENTIFIED ON GOOD QUALITY, NON-STEREO PHOTOGRAPHY, IN THE VICINITY OF THE

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KOZELSK ICBM COMPLEX.

THE MOST PROMINENT OF THESE AREAS IS LOCATED 13.7 NM SSW OF THE COMPLEX SUPPORT AT 53-44N 035-38W. IT CONSISTS OF 2 SEPARATE AREAS OF GROUND SCARRING --1 IS Y-SHAPED, THE OTHER PLUS-SHAPED. THIS ACTIVITY CAN BE NEGATED [REDACTED] AND WAS FIRST SEEN ON [REDACTED] ADJACENT TO THE GROUND SCARRING ON THE EAST SIDE ARE 2 LARGE, MULTISTORY BUILDINGS WITH A THIRD UNDER CONSTRUCTION. FIRST EVIDENCE OF THESE BUILDINGS WAS [REDACTED]

TWO OTHER AREAS OF TRACK ACTIVITY AND GROUND SCARRING ARE LOCATED 18.1 NM SSW AND 5.5 NM WSW OF THE COMPLEX SUPPORT FACILITY. FIRST EVIDENCE OF ACTIVITY AT THESE SITES WAS [REDACTED]

X-Y COORDINATES FOR SIGNIFICANT ITEMS --
 AREA 1 (54-15)
 AREA 2 (47-17)
 AREA 3 (74-22)

KIVERTSY MRBM LAUNCH SITE 1.

UR 5052N 02530E

ONE ERECTOR AND 2 POSSIBLE ERECTORS VISIBLE ON PADS. THERE ARE AT LEAST 18 VEHICLES IN THE TECHNICAL SECTION AND 10 VEHICLES [REDACTED] A NEW FENCE IS UNDER CONSTRUCTION WHICH WILL ENCLOSE THE ENTIRE INSTALLATION. NO CHANGE IN ESTABLISHED MENSURATION.

MEDENITSA MRBM LAUNCH SITE

UR 4922N 02345E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] MAR 65. NO CHANGE IN ESTABLISHED MENSURATION. NUMEROUS PIECES OF UNIDENTIFIED EQUIPMENT VISIBLE ON EACH LAUNCH PAD. EXTENSIVE TRACK ACTIVITY VISIBLE IN LAUNCH SITE, [REDACTED] AND SITE SUPPORT FACILITY.

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TORVA MRBM LAUNCH SITE 1

UR 5756N 02604E

THE ENTIRE LAUNCH AREA IS SECURED AND THE VARIOUS SECTIONS ARE PROBABLY SEPARATELY SECURED. APPROXIMATELY 8 VEHICLES/PIECES OF EQUIPMENT ARE ON THE LOOP ROAD AT THE NORTHERN PAIR OF PADS. ELEVEN VEHICLES ARE ON THE LOOP ROAD AT THE SOUTHERN PAIR OF LAUNCH PADS. THERE ARE NO ERECTORS OR SUPPORT EQUIPMENT POSITIONED ON THE LAUNCH PADS. APPROXIMATELY 20 VEHICLES/PIECES OF EQUIPMENT ARE PRESENT IN A SMALL MOTOR POOL CONSISTING OF 2 LARGE VEHICLE SHEDS AND 4 SMALLER STRUCTURES EAST OF THE LAUNCH SITE AND NORTH OF THE TECHNICAL SECTION.

SIX BUILDINGS OF VARIOUS SIZES ARE POSITIONED ALONG A SERIES OF LOOP ROADS FORMING THE TECHNICAL SECTION WHICH CONTAINS A PROBABLE FUEL CASCADE AND APPROXIMATELY 8 VEHICLES/PIECES OF EQUIPMENT.

THE ADMINISTRATION AND HOUSING SECTION, CONSISTING OF 11 BARRACKS/ADMINISTRATION BUILDINGS AND APPROXIMATELY 10 SMALL SUPPORT BUILDINGS, SHOWS NO APPARENT CHANGE

LEBEDIN IRBM LAUNCH SITE 1

UR 5033N 03426E

COMPLETED TYPE III IRBM LAUNCH AREA

EACH LAUNCH PAD IS OCCUPIED BY AN ERECTOR AND LAUNCH STAND. SIX TRANSPORTERS AND 1 LARGE UNIDENTIFIED OBJECT ARE PARKED IN THE CLEARING BETWEEN THE 2 WESTERN LAUNCH PADS. FIVE SMALL VEHICLES ARE PARKED ADJACENT TO A SMALL SQUARE BUILDING LOCATED ALONG THE CROSSROAD IN FRONT OF AND BETWEEN THE 2 WESTERN LAUNCH PADS. ANOTHER SMALL NEWLY IDENTIFIED SQUARE BUILDING IS LOCATED ADJACENT TO THE SERVICE ROAD AND TO THE REAR OF THE WESTERMOST LAUNCH PAD. FOUR LARGE RECTANGULAR UNIDENTIFIED OBJECTS ARE ADJACENT TO A SMALL NEWLY IDENTIFIED RECTANGULAR BUILDING TO THE

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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REAR OF AND BETWEEN THE 2 EASTERN LAUNCH PADS. A SMALL NEWLY IDENTIFIED BUILDING WITH A PROBABLE COVERED ENTRANCEWAY IS ADJACENT TO THE SERVICE ROAD AT THE REAR OF THE EASTERMOST LAUNCH PAD. AN UNIDENTIFIED SECURED FACILITY IS LOCATED IN FRONT OF, ADJACENT TO THE ROAD, AND BETWEEN THE 2 EASTERN LAUNCH PADS. APPROXIMATELY 12 SMALL VEHICLES ARE VISIBLE IN THE VEHICLE STORAGE AND MAINTENANCE SECTION OF THE SITE SUPPORT FACILITY. NO MISSILES ARE IDENTIFIABLE IN THE LAUNCH AREA.

TROSTYANETS MRBM LAUNCH SITE 3

UR 5058N 02539E

AT LEAST 18 VEHICLES IN MOTOR POOL AREA. HAZE OVER LAUNCH PADS PRECLUDES DETERMINATION OF PRESENCE OF ERECTORS. NO CHANGE IN ESTABLISHED MENSURATION.

KARAKHOBDA IRBM LAUNCH SITE

UR 4957N 05651E

NO APPARENT CHANGE SINCE [REDACTED] JAN 65. LAUNCH AREA REMAINS IN AN ARRESTED STATE OF CONSTRUCTION, HOWEVER, TRACKAGE IS APPARENT WITHIN THE LAUNCH SITE. NO NEW CONSTRUCTION OBSERVED IN THE LAUNCH AREA. A ROW OF UNIDENTIFIED OBJECTS IS PARKED ALONG THE SECURITY FENCE.

TSIRGULIINA IRBM LAUNCH SITE

UR 5749N 02612E

THREE OF THE 4 LAUNCH SILOS [REDACTED] ARE NOT COVERED ON PHOTOGRAPHY. THE SITE SUPPORT FACILITY CONSISTS OF 8 BARRACKS/ADMINISTRATIVE BUILDINGS, 8 OTHER BUILDINGS, 3 SMALL BUILDINGS, AND A HEATING PLANT. THE TECHNICAL SECTION IS SITUATED ACROSS THE MAIN ACCESS ROAD AND CONTAINS 1 LARGE AND 5 SMALL BUILDINGS, A LOOP ROAD, AND A POSSIBLE BURIED TANK. FIVE UNIDENTIFIED VEHICLES ARE PARKED IN THE SECTION.

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JELGAVA FIXED FIELD MRBM LAUNCH SITE 2 UR 5644N 02355E

NO APPARENT CONSTRUCTION OR CHANGE IN FACILITIES SINCE
 [REDACTED] JULY 64. THERE IS NO EVIDENCE OF
 VEHICLES OR VEHICULAR ACTIVITY AT THIS LAUNCH SITE.

[REDACTED]

JELGAVA FIXED FIELD MRBM LAUNCH SITE UR 5638N 02352E

NO APPARENT CHANGE SINCE [REDACTED] JUL 64 IN THE
 SITE OR FACILITIES. NO VEHICLES OR EQUIPMENT ARE
 EVIDENT IN THE AREA ALTHOUGH MINOR TRACK ACTIVITY
 INDICATES AT LEAST 1 VEHICLE HAS BEEN IN THE AREA SINCE
 THE LAST SNOW FALL.

[REDACTED]

SARY-SHAGAN POSS INSTRUMENTATION SITE 15 UR 4722N 06725E

IDENTIFICATION ONLY.

SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E

THE NORTHWESTERN PORTION OF THE SHUANG-CHENG-TZU
 MISSILE TEST CENTER IS COVERED ON CLEAR, NON-STEREO
 PHOTOGRAPHY. ITEMS COVERED INCLUDE SAM LAUNCH
 COMPLEXES A, B, AND C, RANGEHEAD TRANSMITTING
 COMMUNICATIONS SITE, THE REVETTED STORAGE AREA,
 PORTIONS OF THE REVETTED STORAGE AND HANDLING AREA, THE
 SSM-SAM ASSEMBLY AND CHECKOUT COMPLEX, AND THE
 UNIDENTIFIED FACILITY WNW OF THE PROBABLE PROPELLANT
 HANDLING AND STORAGE AREA. NO APPARENT CHANGE SINCE
 [REDACTED] JAN 65 AND NO ACTIVITY NOTED IN THE SSM
 HOUSING AND SUPPORT AREA, THE REVETTED STORAGE AREA,
 THE PORTION OF THE REVETTED STORAGE HANDLING AREA, THE
 UNIDENTIFIED FACILITY WNW OF THE PROBABLE PROPELLANT
 HANDLING AND STORAGE AREA OR THE RANGEHEAD TRANSMITTING
 COMMUNICATIONS SITE.

AN AREA APPROXIMATELY 15 NM EAST-WEST AND 25 NM
 NORTH-SOUTH CENTERED ON 41-25N 100-10E (APPROXIMATELY
 20 NM NW OF THE TEST CENTER) IS COVERED ON CLEAR
 PHOTOGRAPHY. NO SAM ACTIVITY OBSERVED.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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25X1

25X1

SHUANG-CHENG-TZU LAUNCH COMPLEX A (SITE 1) CH 4114N 10017E

25X1

NO APPARENT CHANGE SINCE [REDACTED] JAN 65. NO
ACTIVITY NOTED IN THE LAUNCH AREA OR THE FINAL CHECKOUT
AREA.

25X1

25X1

SHUANG-CHENG-TZU LAUNCH COMPLEX C (SITE 3) CH 4118N 10018E

AN EXTENSION MEASURING APPROXIMATELY 50 X 25 FT HAS
BEEN ADDED TO THE SOUTHEASTERN CORNER OF THE 130-X
80-FT LAUNCH PAD. THIS EXTENSION CAN BE NEGATED ON
[REDACTED] AND WAS UNDER CONSTRUCTION ON
THE 4 TIE OR HOLD-DOWN POINTS AT
THE FRONT OF THE PAD ARE STILL VISIBLE. NO ACTIVITY
NOTED IN THE LAUNCH AREA OR IN THE FINAL CHECKOUT AREA.

25X1

25X1

SHUANG-CHENG-TZU MSL ASSEMBLY & CHECKOUT FAC CH 4106N 10016E

ONLY THE NORTHWESTERN END OF THE SSM-SAM ASSEMBLY AND
CHECKOUT COMPLEX IS COVERED ON PHOTOGRAPHY. NO
APPARENT CHANGE [REDACTED] OR ACTIVITY
NOTED.

25X1

25X1

CHENG-TU AIRFRAME PLANT

CH 3043N 10358E

NO NEW CONSTRUCTION ACTIVITY OBSERVED. A RAIL SPUR
EXTENDS TO THE PLANT BUT DOES NOT SERVE ANY MAJOR
PRODUCTION BUILDING. NO EVIDENCE OF MISSILE PRODUCTION
OBSERVED.

25X1

PING-FENG-SHE-CHENG TANK PLANT

CH 4039N 10954E

NO EXTRA LONG RAIL CARS OR TRANSPORTERS, SIGNIFICANT
CHANGES, NEW CONSTRUCTION OR ANY INDICATION OF MISSILE

25X1

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ASSOCIATION NOTED ON GOOD QUALITY, STEREO PHOTOGRAPHY.

MOSCOW SAM SITE E24-1

UR 5521N 03629E

THE SITE IS COVERED BY CLOUD-FREE MONOCULAR PHOTOGRAPHY WITH SNOW COVER. CHANGES OBSERVED SINCE MAR 65, INCLUDE THE ADDITION OF A NUMBER OF STRUCTURAL SECTIONS IN THE TRIAD AREA. A 105-FT-DIAMETER CIRCULAR STRUCTURE IS NOW POSITIONED ON THE GROUND ADJACENT TO THE WEST SIDE OF THE LARGE TRIAD BUILDING. THIS SECOND SECTION OF THE STRUCTURE WILL PRESUMABLY BE POSITIONED ON TOP OF THE 105-FT CIRCULAR STRUCTURE ALREADY EMPLACED ON THE ROOF OF THE BUILDING. ONE OF THE TWO CIRCULAR STRUCTURES OBSERVED ON THE GROUND ON MISSION 1017-1, HAS BEEN POSITIONED ON THE WESTERN SMALL TRIAD BUILDING ENCIRCLING THE ELEVATED PLATFORM. ON THE GROUND ADJACENT TO THE BUILDING IS A CIRCULAR CAP WHICH HAS BEEN RECEIVED SINCE MAR 65, AND WHICH WILL PRESUMABLY BE EMPLACED ON TOP OF THE CIRCULAR STRUCTURE. IF THE CAP IS EMPLACED THE OVERALL HEIGHT OF THE BUILDING WILL BE APPROXIMATELY 90 FT. THE OTHER STRUCTURE REMAINS ON THE GROUND ADJACENT TO THE OTHER SMALL TRIAD BUILDING. NO ELECTRONIC EQUIPMENT HAS BEEN IDENTIFIED TO DATE ON THE ELEVATED PLATFORMS. A NUMBER OF VEHICLES/EQUIPMENT ARE OBSERVED NEAR THE ENTRANCE OF THE EARTH-MOUNDED, T-SHAPED BUILDING. CONSTRUCTION MATERIAL IS OBSERVED IN OPEN STORAGE NEAR THE LARGE TRIAD BUILDING. NO SIGNIFICANT CHANGE OBSERVED IN THE SUPPORT AREA.

(SEE ATTACHMENT)

MOSCOW SAM SITE E15-1

UR 5509N 03822E

SITE COVERED BY CLOUD-FREE MONOCULAR COVERAGE. A COMPARISON OF THE COVERAGE WITH MAR 64 REVEALS THAT THERE HAS BEEN NO SIGNIFICANT CONSTRUCTION PROGRESS ON THE EXTERIORS OF THE BUILDINGS THAT MAKE UP THE POSSIBLE AMM-ASSOCIATED ELECTRONIC FACILITY. COMPARED TO SIMILAR FACILITIES LOCATED AT SA-1 SAM SITES E05-1, E24-1, AND E33-1, WHERE WORK CONTINUES, IT WOULD APPEAR THAT WORK ON THIS SITE IS AT A STANDSTILL.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

THE SITE SUPPORT AREA ALSO REMAINS THE SAME AS IT APPEARED IN MAR 64. NO APPARENT CHANGE IN THE LAUNCH AREA SINCE [REDACTED] MAR 65.

SEVASTOPOL SAM SITE A01-3

UR 4442N 03333E

THIS F CONFIGURATION SITE IS COLLOCATED WITH SA-2 SITE A01-2. THE 4 LAUNCH POSITIONS ARE OCCUPIED, BUT POOR RESOLUTION PRECLUDES IDENTIFICATION OF MISSILES. THREE PROBABLE VANS, A PROBABLE GUIDANCE RADAR, AND AN UNIDENTIFIED PIECE OF EQUIPMENT ARE VISIBLE IN THE CENTRAL GUIDANCE AREA. TWO PROBABLE TRANSPORTERS ARE DISCERNIBLE IN EACH OF 2 HOLD REVETMENTS TO THE REAR OF THE LAUNCH SITE. ON SITE SUPPORT CONSISTS OF 8 LARGE AND 2 SMALL BUILDINGS AND A LARGE REVETTED HARDSTAND. THE SA-2 SITE APPEARS UNOCCUPIED.

KORDON SAM TRAINING CENTER

UR 4724N 04808E

THE CENTER SHOWS NO SIGNIFICANT CHANGE IN OVERALL FEATURES SINCE [REDACTED] JUN 64. NO COMPLETE MISSILES OBSERVED. SIX OF THE SA-2 TRAINING SITES ARE OCCUPIED AND SUPPORTED BY SAM ASSOCIATED EQUIPMENT. THE SA-3 TRAINING SITE IS NOT OCCUPIED. THE SAM SUPPORT FACILITY IS OCCUPIED BY PIECES OF SAM ASSOCIATED EQUIPMENT. CLOUD SHADOW AND SCATTERED CLOUDS PRECLUDE FURTHER IDENTIFICATION OF EQUIPMENT.

KALININGRAD SAM SITE B02-2

UR 5453N 02033E

COMPLETED SA-2 SITE IS 11 NM NNE OF KALININGRAD AT 54-53-20N 020-33-25E. THE LAUNCH POSITIONS ARE PROBABLY OCCUPIED AND THE CENTRAL GUIDANCE AREA IS OCCUPIED. THERE ARE 3 MISSILE HOLD POSITIONS AND 2 LARGE PROBABLE DRIVE-THROUGH REVETMENTS ON THE SITE PERIMETER ROAD. THE SITE SUPPORT FACILITY IS LOCATED 500 FT NORTH OF THE LAUNCH AREA AND CONTAINS 3 LARGE BUILDINGS AND AT LEAST 7 SMALL BUILDINGS. PRESENCE OR ABSENCE OF MISSILES AND GUIDANCE EQUIPMENT CANNOT BE DETERMINED DUE TO HAZE AND SNOW.

TOP SECRET CHESS RUFF

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**Air
Facilities**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

AIR FACILITIES

STRYY AIRFIELD

UR 4914N 02348E

NO NEW CONSTRUCTION ACTIVITY. NO VEHICLES, MISSILES OR HANDLING EQUIPMENT OBSERVED. OR SUSPECT AAM STORAGE FACILITIES. RUNWAY IS CLEARED OF SNOW.

AIRCRAFT -- 26 BADGER, 20 FISHPOT, 10 FLASHLIGHT/FIREBAR, 3 FRESCO, 7 FAGOT AND 1 CAB.

GOMEL/PRIBYTKI AIRFIELD

UR 5218N 03110E

NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE NOV 64.

AIRCRAFT -- 5 PROBABLE BLINDER AND 1 POSSIBLE BADGER OBSERVED IN SE SECTION OF PARKING APRON IN CLOUD-FREE AREAS.

ALEKSEYEVKA AIRFIELD

UR 4915N 14014E

IDENTIFICATION ONLY.

KOMSOMOLSK AIRFRAME PLT ORDZHONIKIDZE 126 UR 5036N 13705E

CONSTRUCTION CONTINUES ON THE LARGE BUILDING REPORTED

AIRCRAFT -- 27 FITTER, 2 PROBABLE FITTER, 1 FARMER, 4 PROBABLE FARMER, AND 1 FAGOT/FRESCO NEAR PLANT 126, 42 FAGOT/FRESCO NEAR PLANT 130, 1 FAGOT/FRESCO ON NORTH END OF WEST CONNECTING LINK TAXIWAY, 1 FAGOT/FRESCO AT SOUTH END OF AIRFIELD WITHIN PLANT 130, AND 1 FAGOT/FRESCO, 1 CAB, 2 COLT, AND 2 PROBABLE CREEK ALONG NORTH END OF EAST CONNECTING LINK TAXIWAY.

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

KUYBYSHEV AIRFRAME PLANT LENIN 18

UR 5313N 05019E

NO APPARENT CHANGE IN FACILITIES SINCE
JAN 65. RUNWAY AND TAXIWAYS ARE CLEARED OF SNOW.

AIRCRAFT -- 6 BEAR AND 2 CLEAT ON PLANT PARKING APRON,
AND 1 CAT/CUB, 1 CRATE, 8 CAB, AND 3 SMALL
STRAIGHT-WING DISPERSED NEAR PLANT AREA.

LIU-TING AIRFIELD

CH 3615N 12022E

1.2 NM WSW OF LIU-TING.
7375 X 195 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE.

FACILITIES INCLUDE A PARALLEL LOOP TAXIWAY WITH 3
CROSSOVER LINKS, 2 ALERT APRONS, 1 PARKING APRON, 20
REVETTED HARDSTANDS, 1 FIRING-IN BUTT, A POL STORAGE
AREA WITH 23 VENTILATED BUNKERS, 40 HORIZONTAL STORAGE
TANKS AND 25 SUPPORT BUILDINGS, A SECURED REVETTED
PROBABLE POL STORAGE AREA WITH 30 PROBABLE HORIZONTAL
STORAGE TANKS, 2 HANGARS, 1 PROBABLE TOWN RADAR, 1 GCA
SITE, A LARGE HOUSING AREA, AND NUMEROUS SUPPORT
BUILDINGS.

AIRCRAFT -- 2 BEAGLE, 14 FARMER, 57 FAGOT/FRESCO, AND 1
CRATE.

LEI-PEI AIRFIELD

CH 2124N 11012E

6,485 X 255 FT WNW/ESE CONCRETE RUNWAY, SERVICEABLE.

FACILITIES INCLUDE A TAXIWAY, 2 END CONNECTING LINKS
EACH WITH AN ADJACENT ALERT APRON, 3 CROSSOVER LINKS, A
PARKING APRON, AND 3 REVETTED HARDSTAND AREAS (20
HARDSTANDS VISIBLE) TO THE SOUTH.
VISIBLE SUPPORT FACILITIES AT THE SE END OF THE FIELD
CONSIST OF 2 HANGARS AND 9 ASSOCIATED BUILDINGS.
A BARRACKS AREA, WITH 75 BUILDINGS VISIBLE, IS LOCATED
0.8 NM SOUTH OF THE AIRFIELD.
AN OCCUPIED 6-GUN AAA SITE IS 1.3 NM WEST OF THE
AIRFIELD.
A PROBABLE ILS FACILITY IS 2.5 NM OFF THE WNW END OF
THE RUNWAY. NO RADAR FACILITIES VISIBLE.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

AIRCRAFT -- 21 POSSIBLE SMALL SWEEP-WING.

TUBAN AIRFIELD

ID 0845S 11510E

NO APPARENT CHANGE IN FACILITIES
DEC 64.

AIRCRAFT -- NONE OBSERVED.

ASTRAKHAN AIRFIELD

UR 4617N 04800E

2.5 NM SOUTH OF ASTRAKHAN.
5,000 X 120 FT E/W BLACKTOP RUNWAY, SERVICEABLE, AND A
6,200 X 120 FT NW/SE GRADED EARTH RUNWAY, SERVICEABLE.

AIRCRAFT -- 2 CAB ON APRON NORTH OF WEST END OF RUNWAY,
2 CRATE AND 3 CAB ON HARDSTANDS AND APRON NORTH OF EAST
END OF RUNWAY, 6 COLT, 10 CREEK, 4 PROBABLE CREEK, AND
4 PROBABLE HOUND ON GRASS NORTH OF EAST END OF RUNWAY.

LUTSK AIRFIELD NORTH

UR 5047N 02521E

AN ILS SITE CONTAINING 3 BUILDINGS IS LOCATED IN LINE
WITH THE RUNWAY ON THE ENE END. A GCA SITE CONSISTING
OF 3 PROBABLE VAN TRUCKS AND 5 BUILDINGS IS LOCATED
BETWEEN THE TAXIWAY AND RUNWAY. RUNWAY IS CLEARED OF
SNOW.

AIRCRAFT -- 21 FITTER, 10 FARMER, AND 14 FAGOT/FRESCO.

AMDERMA AIRFIELD

UR 6946N 06133E

RUNWAY IS CLEARED OF SNOW. NO ELECTRONIC OR
COMMUNICATIONS FACILITIES OBSERVED.

AIRCRAFT -- 1 COOT, 2 CRATE, 1 CAB, 9
FLASHLIGHT/FIREBAR, 18 FAGOT/FRESCO, 1 POSSIBLE FAGOT/

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

FRESCO, 1 COLT, AND 2 HOUND.
AND 2 POSSIBLE CAB.

-- 1 PROBABLE

NARYAN-MAR AIRFIELD

UR 6737N 05303E

NO APPARENT CHANGE IN FACILITIES SINCE
MAR 64. FACILITIES INCLUDE 14 SMALL BUILDINGS.

AIRCRAFT -- 1 CAB, 2 COLT, 5 HOUND (1 WITHOUT ROTOR),
AND 3 HARE.

RAS BANAS AIRFIELD

EG 2358N 03528E

NO APPARENT CHANGE SINCE

JAN 65.

AIRCRAFT -- NONE OBSERVED.

TOP SECRET CHESS RUFF

25X1

25X1

25X1

25X1

25X1

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25X1

**Nuclear
Energy**

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**Naval
Activity/
Ports**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

NAVAL ACTIVITY/PORTS

SEVASTOPOL NVL B & SMPYD SEVMORZAVOD 497 UR 4436N 03332E

VESSELS -- 1 PROBABLE KIROV-CLASS OCA, 1 SVERDLOV-CLASS CL, 1 CHAPAYEV-CLASS CL, 1 POSSIBLE CL IN GRAVING DOCK, 1 PROBABLE SVERDLOV CLG, 2 POSSIBLE J-CLASS SSG, 2 W-CLASS SS, 3 POSSIBLE W-CLASS SS, 4 SMALL UNIDENTIFIED SS, 20 DD-TYPE NAVAL COMBATANT, 4 DE-TYPE NAVAL COMBATANT, AND NUMEROUS UNIDENTIFIED NAVAL AND MERCHANT VESSELS. EXTREME OBLIQUITY AND NON-STEREO COVERAGE PRECLUDE FURTHER IDENTIFICATION.

BUMBA PORT FACILITIES

CX 0211N 02234E

ONLY EASTERN SECTION OF BUMBA OBSERVED. FACILITIES NOT COVERED ON PHOTOGRAPHY.

PORT

VESSELS -- NONE OBSERVED.

TOP SECRET CHESS RUFF

**Biological/
Chemical
Warfare**

Page Denied

**Electronics/
Communications**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

25X1
ZUNELECTRONICS/COMMUNICATIONS

NARO-FOMINSK SUSP AMM PHASED-ARRAY RADAR UR 5529N 03641E

25X1

THE DOGHOUSE AND ALL THE MAJOR COMPONENTS OF THE SITE ARE COVERED ON GROUND-FREE, NON-STEREO PHOTOGRAPHY WITH GROUND SNOW COVER. CONSTRUCTION CONTINUES ON THE NNW FACE OF THE RADAR WITH TOWER CRANES OBSERVED ON THE WEST AND NORTH SIDES. FACING MATERIAL HAS BEEN EMPLACED OVER THE VERTICAL MULLIONS OF THE NNW FACE APPROXIMATELY 270 FT OF THE WAY UP THE STRUCTURE. TWO OPENINGS IN THE MATERIAL ARE OBSERVED -- ONE OPENING 45 FT WIDE CONSISTING OF A ROW OF MATERIAL PARALLEL TO THE BASE OF THE STRUCTURE AND THE OTHER CONSISTING OF A ROW 40 FT WIDE OF MATERIAL PARALLELING THE WEST EDGE. THE UPPER 105 FT OF THE RADAR FACE HAS A TRANSLUCENT APPEARANCE WITH VERTICAL STRIATIONS OBSERVED CORRESPONDING TO THE POSITIONS OF THE VERTICAL MULLIONS. THE OPPOSITE FACE OF THE RADAR IS NOT VISIBLE BUT SHADOWS INDICATE THE VERTICAL MULLIONS ON THAT FACE HAVE NOT BEEN COVERED.

THE EXTERIOR OF THE L-SHAPED CONTROL BUILDING APPEARS EXTERNALLY COMPLETE ON THE VISIBLE SIDES. ON THE ROOF OF THE BUILDING ARE 8 STRUCTURES OF VARYING DIMENSIONS. FIVE OF THESE STRUCTURES ARE OPEN ON TOP AND THEY MAY BE ASSOCIATED WITH THE ENVIRONMENTAL SHELTER SYSTEM. ON THE SOUTH SIDE OF THE CONTROL BUILDING ARE A NUMBER OF PROBABLE CONSTRUCTION SHEDS THAT HAVE PREVIOUSLY BEEN REPORTED AS A SINGLE BUILDING. THE T-SHAPED, EARTH-MOUNDED BUILDING IS BARELY DISCERNIBLE, WITH ONLY THE HIGH BAY SECTION LOCATED AT THE INTERSECTION OF THE BAR AND STEM OF THE T PROTRUDING THROUGH THE SNOW. ENTRANCE INTO THE BUILDING IS PROBABLY THROUGH THIS HIGH BAY SECTION ON THE WEST SIDE. A LARGE AMOUNT OF BULKY MATERIAL IS STORED IN THE OPEN ON BOTH THE NORTH AND SOUTH SIDES OF THE RADAR.

IN OPERATIONAL AREA B, THE PROBABLE CONTROL BUILDING APPEARS EXTERNALLY COMPLETE ON THE VISIBLE SIDES. THE BUILDING HAS A STEPPED ROOF WITH THE EAST END BEING APPROXIMATELY 10 FT HIGHER THAN THE REMAINDER OF THE BUILDING. THE PREVIOUSLY REPORTED WALL PARALLELING THE NORTH SIDE OF THE CONTROL BUILDING IS NOW SUSPECTED TO BE AN ANTENNA. THE SUSPECT ANTENNA IS 770 FT LONG, 25 FT WIDE, AND APPROXIMATELY 25 FT HIGH. THE SUSPECT ANTENNA IS DIVIDED INTO 2 SECTIONS, EACH AT THE EXACT CENTER OF THE STRUCTURE IS COMPARTMENT WHOSE ROOF LINE EXTENDS ABOVE THE REMAINDER

770'

25X1

2. for Connection
6 Apr 65

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

OF THE STRUCTURE. THE ROOF OF THE ANTENNA APPEARS TO BE VERY SLIGHTLY PITCHED TOWARDS THE CONTROL BUILDING. THE WALL OR FACE ON THE NORTH SIDE OF THE ANTENNA IS IN DEEP SHADOW, HOWEVER, THE APPEARANCE ON THIS PHOTOGRAPHY IS SUCH THAT THE WALL/FACE MAY BE RECESSED AND SET AT AN ANGLE INWARD. ON THE OPPOSITE SIDE OF THE CONTROL BUILDING IS A SERIES OF VERTICAL MEMBERS UPON WHICH IS DRAPED AN UNDETERMINED TYPE OF MATERIAL. THESE VERTICAL MEMBERS MAY BE THE NORTHERN WALL OF A SECOND ANTENNA UNDER CONSTRUCTION AND THE MATERIAL MAY HAVE BEEN TEMPORARILY EMPLACED TO SERVE AS A SCREEN. THE LENGTH OF THE SECOND STRUCTURE

THE SAME AS THE SUSPECT NORTHERN ANTENNA, WITH THE WIDTH UNDETERMINED BECAUSE OF THE SCREEN. THE LONGITUDINAL ORIENTATION OF THE SUSPECT ANTENNAS IS THE SAME AS THAT OF THE DOGHOUSE -- CONSTRUCTION MATERIAL IS OBSERVED IN THE OPEN ON THE NORTH SIDE OF THE SUSPECT ANTENNA. NO SIGNIFICANT CHANGE OBSERVED IN SUPPORT AREAS A AND B SINCE

MAR 65.

(SEE ATTACHMENT)

SOCHI GUIDED MISSILE RADAR SITE

UR 4336N 03945E

NO GUIDED MISSILE RADAR OR ASSOCIATED EQUIPMENT OBSERVED.

ASPIDNOYE SUSPECT TROPOSCATTER SITE

UR 6928N 16121E

NO ANTENNAS OBSERVED IN SEARCH AREA ON CLEAR PHOTOGRAPHY.

TAYMYLYR SUSPECT TROPOSCATTER SITE

UR 7242N 12158E

NO TROPOSCATTER SITE OBSERVED.

TOP SECRET CHESS RUFF

25X1
25X1

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TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

OSTROV KOLGUYEV TALL KING RADAR

UR 6925N 04845E

NO TALL KING RADAR OR ASSOCIATED EQUIPMENT OBSERVED IN SEARCH AREA. HOWEVER, A TALL KING AW RADAR FACILITY IS NEWLY IDENTIFIED 5.5 NM ESE OF SEVERNAYA AT 69-28N 049-20E AND IS REPORTED SEPARATELY.

SEVASTOPOL SUSPECT VLF FACILITY

UR 4436N 03331E

NO VLF FACILITY OBSERVED IN AREA ON GOOD QUALITY, CLEAR PHOTOGRAPHY.

MYS KARASEVEY TALL KING RADAR

UR 7110N 06655E

SEARCH OF AREA REVEALED NO TALL KING RADAR AT ABOVE COORDINATES. A TALL KING AW FACILITY IS NEWLY IDENTIFIED AT 71-06-40N 066-46-20E AND IS REPORTED SEPARATELY.

OSTROV GOLETS TALL KING RADAR

UR 7310N 05325E

NO RADAR OR ASSOCIATED EQUIPMENT OBSERVED IN AREA

GORA ASTRUPA TALL KING RADAR SITE

UR 7222N 10448E

NO TALL KING RADAR OR ASSOCIATED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

TOP SECRET CHESS RUFF

25X1
25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

MAYNO PYLGINO TALL KING AW RADAR FACILITY UR 6231N 17655E

ON A SAND BAR 5 NM SW OF MAYNO PYLGINO. ACTIVE FACILITY CONSISTS OF A TALL KING ANTENNA ON A BUILDING, A SUPPORT BUILDING, A GENERATOR BUILDING, AND FUEL STORAGE. A SMALL HF COMMUNICATIONS SITE IS LOCATED AT SUPPORT AREA TO THE NE. NO OTHER ANTENNAS IDENTIFIED ON GOOD QUALITY PHOTOGRAPHY.

MYS KHARASAVEY TALL KING AW RADAR FACILITY UR 7107N 06646E

1 NM NORTH OF MYS KHARASAVEY. NEWLY IDENTIFIED FACILITY CONSISTS OF A TALL KING RADAR SITE, A COMBINED SUPPORT, COMMUNICATIONS, AND CONVENTIONAL AW RADAR SITE, AND 2 ADDITIONAL COMMUNICATIONS SITES.

THE TALL KING SITE CONTAINS A TALL KING ANTENNA WITH ITS TYPICAL CONTROL AND SUPPORT BUILDINGS, A GENERATOR BUILDING, AND FUEL STORAGE TANKS.

THE COMBINED SUPPORT, COMMUNICATIONS, AND CONVENTIONAL RADAR SITE 0.6 NM SOUTH CONTAINS 1 BIG MESH, 1 PROBABLE KNIFE REST, 1 HEIGHT-FINDER, 6 COMMUNICATIONS MASTS, 4 COMMUNICATIONS VANS, APPROXIMATELY 25 SUPPORT BUILDINGS, AND OTHER POSSIBLE UNIDENTIFIED EQUIPMENT.

TWO ADDITIONAL COMMUNICATIONS SITES ARE LOCATED 0.8 NM SW AND 0.8 NM SSE OF THE TALL KING SITE, RESPECTIVELY, AND EACH CONTAINS SEVERAL HF COMMUNICATIONS MASTS IN ADDITION TO CONTROL AND SUPPORT BUILDINGS.

MYS KOSISTY PROBABLE EARLY WARNING RADAR UR 7339N 10944E

APPROXIMATELY 0.7 NM NW OF THE CENTER OF KOSISTY AIRFIELD AT 73-39-30N 109-44-00E. FACILITY CONTAINS A BUILDING WITH A MAST, PROBABLY A TALL KING, A PROBABLE GENERATOR BUILDING, AND A SUPPORT BUILDING. THE FACILITY APPEARS ACTIVE. SUPPORT FACILITIES ARE SHARED WITH KOSISTY AIRFIELD.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

QUALITY OF PHOTOGRAPHY PRECLUDES INTERPRETATION OF ANY
POSSIBLE VHF OR UHF FACILITIES.

NORILSK TALL KING RADAR SITE

UR 6921N 08756E

NO TALL KING RADAR OR ASSOCIATED EQUIPMENT OBSERVED IN
CLOUD-FREE PORTIONS OF AREA.

NORILSK/NADEZHDA TALL KING RADAR SITE

UR 6920N 08745E

NO TALL KING RADAR OR ASSOCIATED EQUIPMENT OBSERVED IN
CLOUD-FREE PORTIONS OF AREA.

OSTROV MITYUSHEV TALL KING RADAR SITE

UR 7310N 05335E

NO RADAR OR ASSOCIATED EQUIPMENT OBSERVED IN AREA.

VOLOCHANKA TALL KING AW RADAR FACILITY

UR 7058N 09434E

A NEWLY IDENTIFIED FACILITY IS LOCATED 1 NM SE OF
VOLOCHANKA AND CONTAINS A CONTROL BUILDING WITH A TALL
KING ANTENNA, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING,
AND 5 FUEL OIL TANKS. AN ASSOCIATED RADAR SITE
CONTAINS A VARIETY OF RADAR COMPONENTS THAT ARE NOT
IDENTIFIABLE.

TOP SECRET CHESS RUFF

25X1
25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

**Military
Activity**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

MILITARY ACTIVITY

CHI-MO INFANTRY DIVISION

CH 3619N 12022E

AN INFANTRY DIVISION IS DISPERSED IN THE VICINITY OF CHI-MO (36-23N 120-27E) IN 6 BARRACKS AREAS WHICH CONTAIN A TOTAL OF 232 BARRACKS, 22 ADMINISTRATION BUILDINGS, AND 236 SUPPORT BUILDINGS.

AREA A (5.4 NM SOUTH OF CHI-MO AT 36-18N 120-27E) -- TANK/ASSAULT-GUN REGIMENTAL AREA CONSISTING OF 2 AREAS CONTAINS 18 BARRACKS, 5 ADMINISTRATION BUILDINGS, 1 H-SHAPED MESSHALL, 2 VEHICLE MAINTENANCE BUILDINGS, 6 VEHICLE STORAGE SHEDS, APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS, A MOVING-TARGET FIRING RANGE, AND A DRIVER-TRAINING AREA. VEHICLES/EQUIPMENT -- EIGHT PROBABLE TANKS/SP GUNS ON FIRING RANGE AND 3 PROBABLE TANKS/SP GUNS IN DRIVER-TRAINING AREA.

AREA B (6.5 NM SSW OF CHI-MO AT 36-19N 120-22E, CHENG-YANG ARMY BARRACKS NORTH; DIVISIONAL HEADQUARTERS CONSISTING OF 3 AREAS CONTAINS A TOTAL OF 90 BARRACKS, 3 ADMINISTRATION BUILDINGS, 35 SUPPORT BUILDINGS, 4 MESSHALLS, 1 AUDITORIUM/GYM, AND A SMALL-ARMS FIRING RANGE. NO ACTIVITY OBSERVED.

AREA C (6 NM SW OF CHI-MO AT 36-20N 120-21E) -- INFANTRY REGIMENTAL AREA CONSISTING OF 2 BARRACKS AREAS CONTAINING 23 BARRACKS, 2 ADMINISTRATION BUILDINGS, 1 T-SHAPED AUDITORIUM/GYM, 5 H-SHAPED MESSHALLS, 40 SUPPORT BUILDINGS, AND A SMALL-ARMS FIRING RANGE. NO ACTIVITY OBSERVED.

AREA D (3.2 NM SW OF CHI-MO AT 36-22N 120-24E) -- REGIMENTAL ARTILLERY AREA CONSISTING OF 2 AREAS CONTAINS 16 BARRACKS, 2 ADMINISTRATION BUILDINGS, 21 SUPPORT BUILDINGS, AND AN EQUIPMENT PARK. VEHICLES/EQUIPMENT -- 41 FA PIECES AND 2 PROBABLE CARGO TRUCKS IN EQUIPMENT PARK.

AREA E (5 NM WNW OF CHI-MO AT 36-24N 120-22E) -- INFANTRY REGIMENTAL AREA CONSISTING OF 3 AREAS CONTAINS 25 BARRACKS, 4 ADMINISTRATION BUILDINGS, 5 H-SHAPED MESSHALLS, 1 T-SHAPED AUDITORIUM/GYM, 22 SUPPORT BUILDINGS, AND A SMALL-ARMS FIRING RANGE. NO ACTIVITY OBSERVED.

AREA F (9 NM WEST OF CHI-MO AT 36-23N 120-16E) --

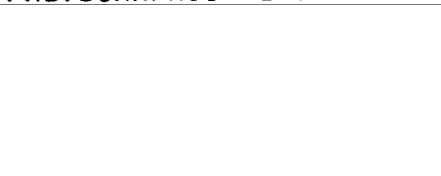
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

POSSIBLE INFANTRY REGIMENT WITH DIVISION SERVICE AND SUPPORT ELEMENTS CONSISTING OF 2 AREAS CONTAINS 60 BARRACKS, 3 ADMINISTRATION BUILDINGS, 1 T-SHAPED AUDITORIUM/GYM, 4 MESSHALLS, 1 H-SHAPED ADMINISTRATION BUILDING, AND 20 STORAGE/SUPPORT BUILDINGS. NO ACTIVITY OBSERVED.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS



(SEE ATTACHMENT)

CHERNOVTSY ARMY BARRACKS SOUTH

UR 4816N 02555E

SOUTH EDGE OF CHERNOVTSY. AREA APPEARS ACTIVE AND CONTAINS 4 E-SHAPED MULTISTORY BUILDINGS, 3 L-SHAPED MULTISTORY BUILDINGS, 4 MULTISTORY PROBABLE BARRACKS, AT LEAST 20 LARGE SUPPORT BUILDINGS, AND NUMEROUS SMALL BUILDINGS. NO MILITARY VEHICLES OR EQUIPMENT OBSERVED.

CHERNOVTSY ARMY BARRACKS STALINA UL

UR 4816N 02556E

SOUTHEAST EDGE OF CHERNOVTSY AND 1 NM NW OF CHERNOVTSY AIRFIELD. INSTALLATION IS FENCED, APPEARS ACTIVE, AND CONTAINS 2 ADMINISTRATION BUILDINGS, 2 PROBABLE BARRACKS, 3 STORAGE BUILDINGS, 1 LARGE GABLE-ROOFED BUILDING, AT LEAST 9 SUPPORT BUILDINGS, AND A PROBABLE PARADE FIELD. NO MILITARY VEHICLES OR EQUIPMENT OBSERVED.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

KALININGRAD ARMY BARRACKS NORTHEAST

UR 5443N 02031E

**QUALITY OF PHOTOGRAPHY PRECLUDES INTERPRETATION OF
TARGET.**

KALININGRAD ARMY BARRACKS SW

UR 5441N 02028E

**IN THE SW PART OF KALININGRAD ON BOTH SIDES OF THE
ROAD.
FACILITIES INCLUDE 1 H-SHAPED ADMINISTRATION BUILDING,
4 U-SHAPED BARRACKS, 4 OTHER BARRACKS, 1 STORAGE
BUILDING, 1 VEHICLE SHED, AND 10 SUPPORT BUILDINGS. NO
TANKS OR OTHER VEHICLES DISCERNIBLE. THE AREA IS
OCCUPIED.**

KALININGRAD ARMY BARRACKS PONART

UR 5440N 02028E

**SW PART OF KALININGRAD.
FACILITIES INCLUDE 2 ADMINISTRATION BUILDINGS, 5
BARRACKS, 5 VEHICLE SHEDS, 3 STORAGE BUILDINGS, AND 5
SUPPORT BUILDINGS. AREA APPEARS OCCUPIED. NO TANKS
OBSERVED. FIVE POSSIBLE VEHICLES ARE IN THE VEHICLE
PARK.**

KALININGRAD ARMY BARRACKS SHARLOTTENBURG

UR 5444N 02027E

**ON NNW EDGE OF KALININGRAD.
FACILITIES INCLUDE 1 ADMINISTRATION BUILDING, 10
BARRACKS, 11 STORAGE BUILDINGS, 1 PROBABLE VEHICLE
SHED, AND 2 SUPPORT BUILDINGS. A SMALL-ARMS FIRING
RANGE AND A SMALL INFANTRY TRAINING COURSE ARE
IMMEDIATELY NORTH OF THE INSTALLATION. THE AREA IS
OCCUPIED. NO TANKS OR OTHER VEHICLES OBSERVED.**

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

KALININGRAD ARMY SUPPLY DEPOT & BKS ROZEN UR 5441N 02033E

NO APPARENT CHANGE SINCE [REDACTED] JUN 64 IN WESTERN PORTION OF AREA. EASTERN PORTION IS NOT COVERED ON PHOTOGRAPHY. AREA OBSERVED APPEARS OCCUPIED. NO TANKS ARE DISCERNIBLE, HOWEVER, 2 ROWS OF PROBABLE VEHICLES ARE OBSERVED.

KALININGRAD BARRACKS DEVAU 180

UR 5443N 02033E

IN EAST PART OF KALININGRAD. FACILITIES INCLUDE 2 ADMINISTRATION BUILDINGS, 13 BARRACKS, 6 STORAGE BUILDINGS, 6 VEHICLE SHEDS, AND 13 SUPPORT BUILDINGS. NO TANKS OR OTHER VEHICLES DISCERNIBLE. THE AREA IS OCCUPIED.

KAMENETS-PODOLSKIY ARTY DPO SMOTRICH

UR 4841N 02635E

NORTHERN EDGE OF KAMENETS-PODOLSKIY. COMPRISED OF 2 AREAS SEPARATED BY A ROAD EXTENDING NNE TO MAKOV. FENCED AREA WEST OF THE ROAD CONTAINS 3 LARGE, 1 L-SHAPED, 1 U-SHAPED AND 11 OTHER ADMINISTRATION BUILDINGS, 9 SUPPORT BUILDINGS, AND 2 VEHICLE MAINTENANCE BUILDINGS. ONE TRACTOR-TRAILER TRUCK, 3 LARGE VAN TRAILERS AND APPROXIMATELY 120 SMALLER VEHICLES OBSERVED IN THE AREA. AREA EAST OF THE ROAD IS DOUBLE-FENCED, RAIL-SERVED AND CONTAINS 39 STORAGE BUILDINGS (1 UNDER CONSTRUCTION), 3 ADMINISTRATION BUILDINGS, 1 SUPPORT BUILDING AND NUMEROUS ROWS OF SMALL UNIDENTIFIED OBJECTS IN OPEN STORAGE. AREA OBSERVED ON GOOD QUALITY, SNOW COVERED, MONOSCOPIC PHOTOGRAPHY.

KLAIPEDA ARMY BARRACKS

UR 5541N 02108E

QUALITY OF PHOTOGRAPHY PRECLUDES INTERPRETATION OF TARGET.

TOP SECRET CHESS RUFF

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

KLAIPEDA ARMY BARRACKS KURISCHES HAFF

UR 5541N 02108E

THIS AREA CANNOT BE CONFIRMED AS MILITARY ON FAIR QUALITY, OBLIQUE PHOTOGRAPHY.

KLAIPEDA ARMY BARRACKS NORTH

UR 5543N 02107E

ON NORTH EDGE OF KLAIPEDA. FACILITIES INCLUDE 1 ADMINISTRATION BUILDING, 4 POSSIBLE BARRACKS, 4 PROBABLE VEHICLE SHEDS, 2 STORAGE BUILDINGS, AND 10 SUPPORT BUILDINGS. NO TANKS OR OTHER EQUIPMENT OBSERVED. THE AREA IS OCCUPIED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

KOZELSK ARMY BARRACKS

UR 5402N 03546E

ON THE NW EDGE OF KOZELSK. FACILITIES INCLUDE 2 ADMINISTRATION BUILDINGS, 2 BARRACKS/ADMINISTRATION BUILDINGS, 13 BARRACKS, 49 STORAGE BUILDINGS, 7 VEHICLE SHEDS, 5 VEHICLE MAINTENANCE BUILDINGS, A WATER TOWER, 77 SUPPORT BUILDINGS, AN ATHLETIC FIELD, AND 3 SMALL-ARMS FIRING RANGES. NO TANKS OBSERVED.

RIGA ARMY BARRACKS

UR 5659N 02409E

IN NE PART OF RIGA. FACILITIES INCLUDE 1 ADMINISTRATION BUILDING, 12 BARRACKS, 20 STORAGE BUILDINGS, 1 MONITOR-ROOF MAINTENANCE BUILDING, 1 POSSIBLE VEHICLE SHED, AND 22 SUPPORT BUILDINGS. THE AREA IS OCCUPIED. APPROXIMATELY 18 POSSIBLE UNIDENTIFIED VEHICLES OBSERVED.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

KLAIPEDA TRAINING AREA KLOŠIAI

UR 5536N 02112E

8 NM SSE OF KLAIPEDA.
 FACILITIES OBSERVED INCLUDE 2 BIVOUAC AREAS
 (UNOCCUPIED), A TRACKED VEHICLE DRIVER-TRAINING COURSE
 (ACTIVE), A PROBABLE VEHICLE MOUNTED AUTOMATIC WEAPONS
 FIRING RANGE (INACTIVE), A TANK/ASSAULT-GUN FIRING
 RANGE (ACTIVE), 2 SECURED EXPLOSIVES STORAGE AREAS, AND
 2 SECURED MOTOR PARKS. APPROXIMATELY 50 PROBABLE
 VEHICLES OBSERVED IN THE MOTOR PARKS. NO TANKS
 DISCERNIBLE.

KALININGRAD MILITARY TRAINING AREA

UR 5445N 02017E

8 NM WNW OF KALININGRAD.
 FACILITIES INCLUDE A TANK/ASSAULT-GUN FIRING RANGE
 (ACTIVE) AND 2 TRACKED VEHICLE DRIVER-TRAINING AREAS
 (ACTIVE). THE HOUSING FACILITIES AT THE AIRFIELD ARE
 OCCUPIED. NO TANKS OR OTHER VEHICLES OBSERVED.

STOROZHINETS MILITARY TRAINING AREA 2

UR 4809N 02541E

2 NM SW OF STOROZHINETS.
 AREA CONTAINS AN UNOCCUPIED BIVOUAC AREA WITH 3 LARGE
 SUPPORT BUILDINGS, A MOVING-TARGET TANK FIRING RANGE,
 AND NUMEROUS TRENCH SYSTEMS AND FA/AAA REVETMENTS. NO
 VEHICLES OR MILITARY EQUIPMENT OBSERVED. AREA COVERED
 BY GOOD QUALITY, SNOW-COVERED PHOTOGRAPHY.

STOROZHINETS MILITARY TRAINING AREA 3

UR 4804N 02537E

7 NM SW OF STOROZHINETS.
 AREA CONTAINS A SMALL SUPPORT AREA WITH 4 LARGE AND AT
 LEAST 4 SMALL SUPPORT BUILDINGS, 30 TENT BASES, AND A
 SNOW CLEARED VEHICLE PARK WITH AT LEAST 17 UNIDENTIFIED
 VEHICLES. A TRACKED/WHEELED-VEHICLE DRIVING COURSE HAS
 BEEN CLEARED OF SNOW. NUMEROUS TRENCH SYSTEMS AND
 FA/AAA REVETMENTS ARE SCATTERED THROUGHOUT THE AREA.
 AREA OBSERVED ON GOOD QUALITY, SNOW-COVERED
 PHOTOGRAPHY.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

25X1

25X1

25X1

KOLIN ARMY BARRACKS NORTHWEST INSTLN C CZ 5001N 01511E

THIS AREA CANNOT BE CONFIRMED AS MILITARY ON FAIR
QUALITY, OBLIQUE PHOTOGRAPHY.

25X1

PARDUBICE ARMY BARRACKS WEST

CZ 5002N 01545E

THIS AREA CANNOT BE CONFIRMED AS MILITARY ON FAIR
QUALITY, OBLIQUE PHOTOGRAPHY.

25X1

MARCALI ARMY BARRACKS 2

HU 4634N 01724E

1 NM SSW OF MARCALI.
FACILITIES INCLUDE 1 PROBABLE ADMINISTRATION BUILDING,
5 BARRACKS, 5 STORAGE BUILDINGS, 6 PROBABLE VEHICLE
SHEDS, 3 PROBABLY REVETTED BUILDINGS, 2 POSSIBLE
BUNKERS, AND 15 SUPPORT BUILDINGS. THE AREA IS
OCCUPIED. NO TANKS VISIBLE HOWEVER, APPROXIMATELY 60
UNIDENTIFIED VEHICLES ARE OBSERVED ON CLEAR, GOOD
QUALITY, OBLIQUE PHOTOGRAPHY.

25X1

TOP SECRET CHESS RUFF

25X1

**Other
Activity**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

OTHER ACTIVITY

YEN-TUN AIRFIELD

CH 4230N 09410E

NO APPARENT CHANGE IN FACILITIES SINCE
OCT 64. CONSTRUCTION APPEARS STATIC SINCE
SEP 62. CONSTRUCTION MATERIAL PRESENT IN THE
SUPPORT AREA WAS PRESENT IN SEP 62.

AIRCRAFT -- NONE OBSERVED.

TOP SECRET CHESS RUFF

25X1

25X1

25X1

25X1

25X1

25X1

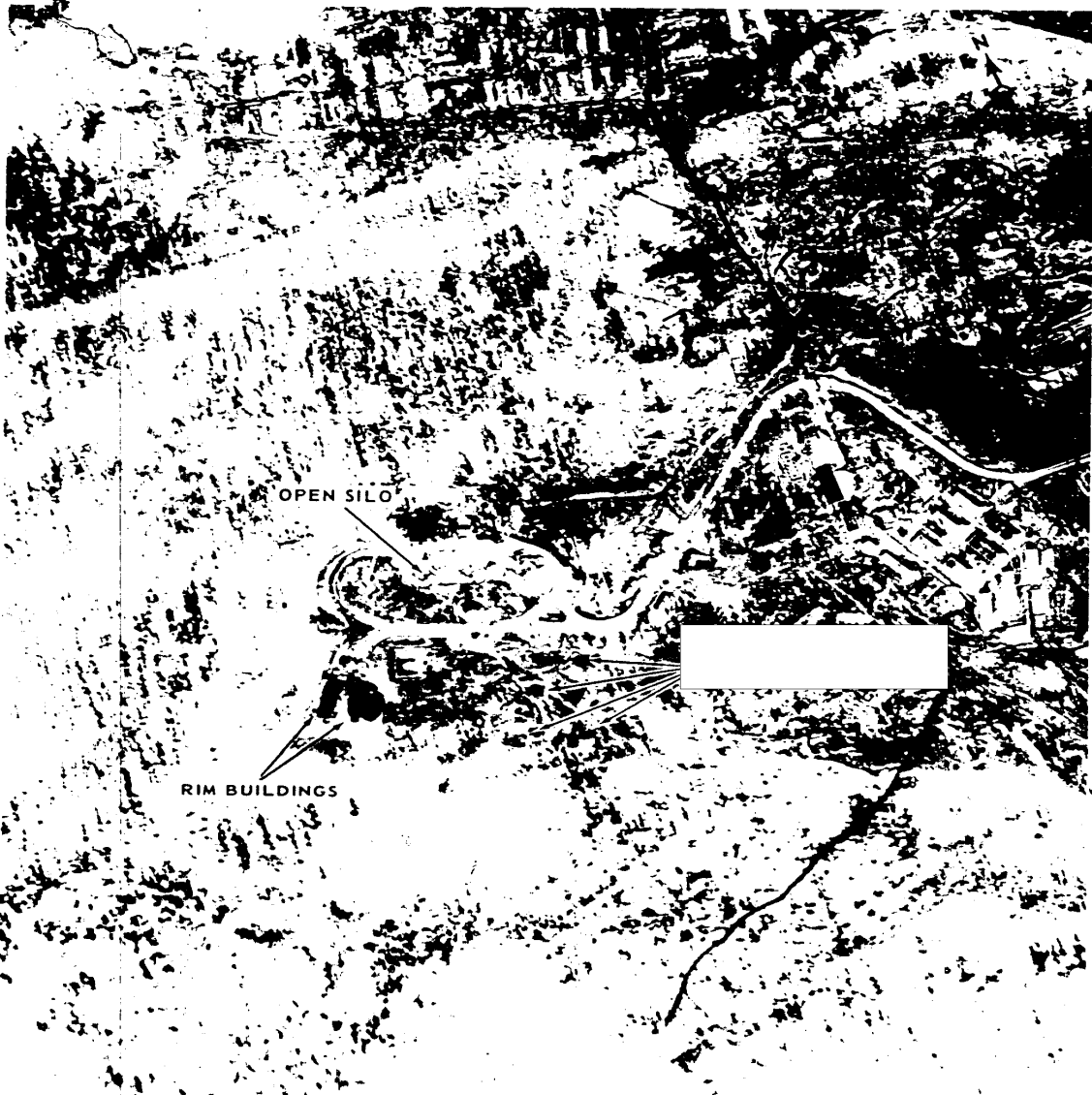
25X1

Attachments

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 1



LAUNCH AREA F, DROVYANAYA ICBM COMPLEX, USSR

NPIC J-9871 (3/65)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 2

25X1
25X1



LAUNCH SITE G-2, DROVYANAYA ICBM COMPLEX, USSR

NPIC J-9872 (3/65)

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 3



LAUNCH SITE G-6, DROVYANAYA ICBM COMPLEX, USSR

NPIC J-9873 (3/765)

TOP SECRET CHESS RUFF

25X1

25X1

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

25X1

25X1

ATTACHMENT 4



LAUNCH SITE G-13, DROVYANAYA ICBM COMPLEX, USSR

NPIC, J-9874 (3/65)

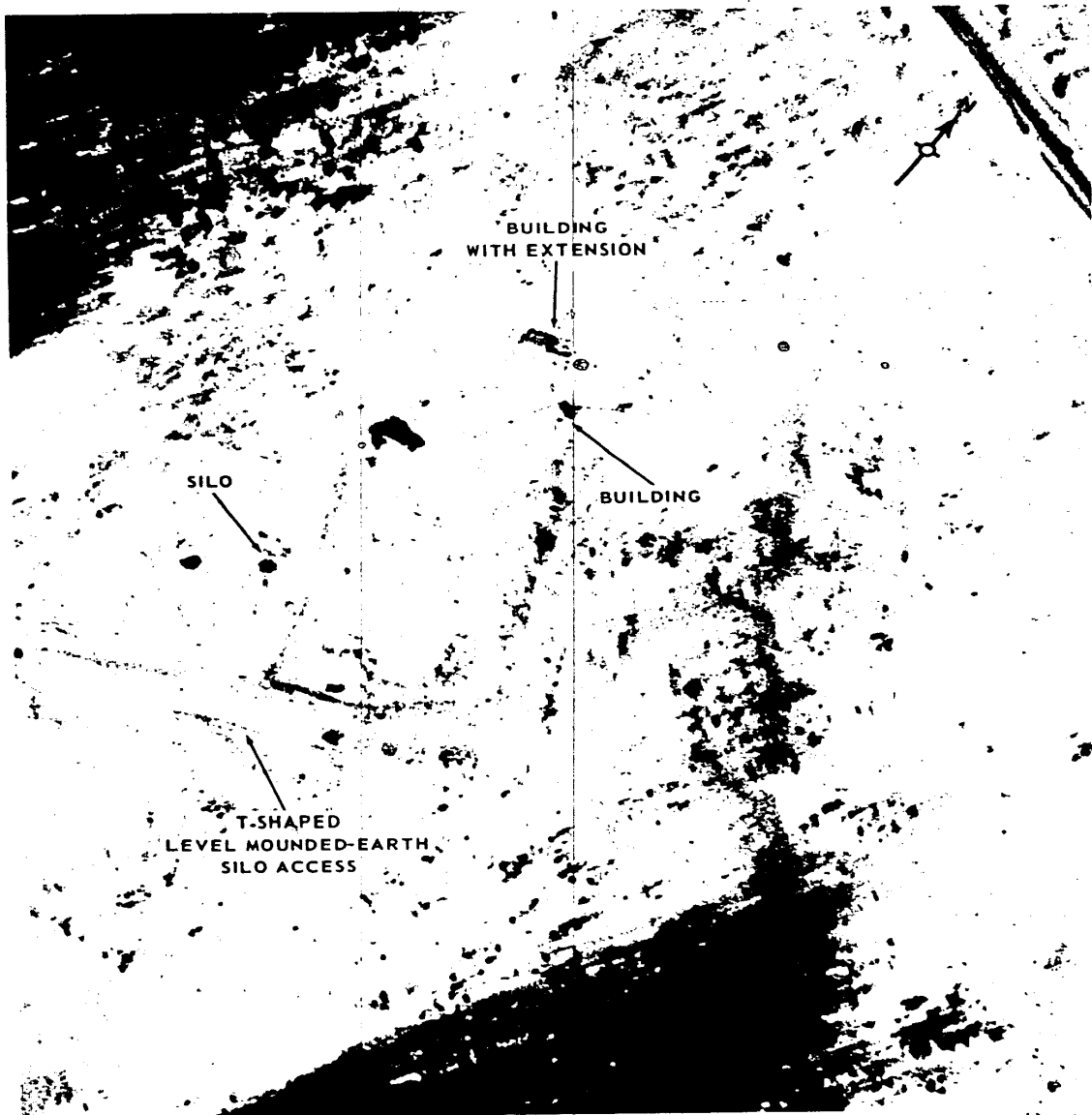
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 5



LAUNCH SITE 2, PERM ICBM COMPLEX, USSR

NPIC J-9878 (3/65)

TOP SECRET CHESS RUFF

25X1

25X1

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 6

25X1

25X1



LAUNCH SITE 4, PERM ICBM COMPLEX, USSR

NPIC J-9878 (3/65)

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 7

25X1

25X1



PROBABLE LAUNCH SITE 9, PERM ICBM COMPLEX, USSR

NPIC J-9877 (3/65)

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 8

25X1
25X1

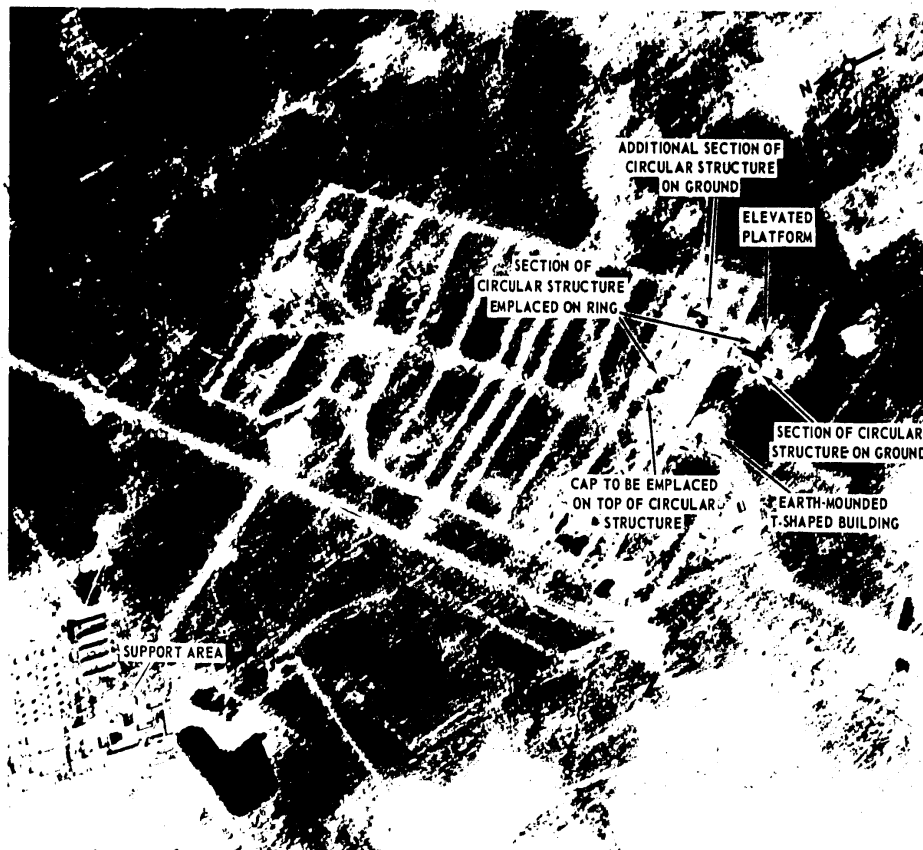


LAUNCH AREA B, PERM ICBM COMPLEX, USSR

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF



NPIC J-9879 (3/65)

PROBABLE AMM ASSOCIATED ELECTRONIC FACILITY, SAN SITE E24-1, MOSCOW, USSR

TOP SECRET CHESS RUFF
MISSION 4016, 13-16 MARCH 1965

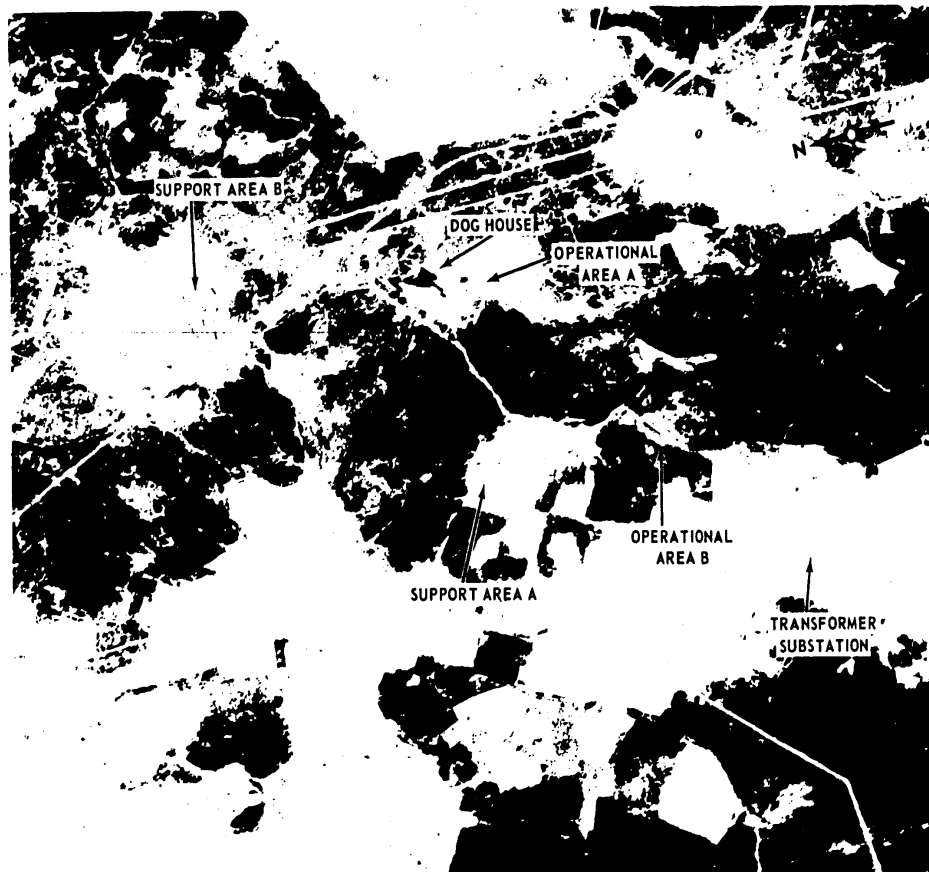
ATTACHMENT 9

25X1

25X1X1

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TOP SECRET CHESS RUFF



NPIC J-9882 (3/65)

SUSPECT PHASED-ARRAY RADAR, NARO-FOMINSK, USSR

TOP SECRET CHESS RUFF
MISSION 4016, 13-16 MARCH 1965

ATTACHMENT II

25X1

25X1
25X1

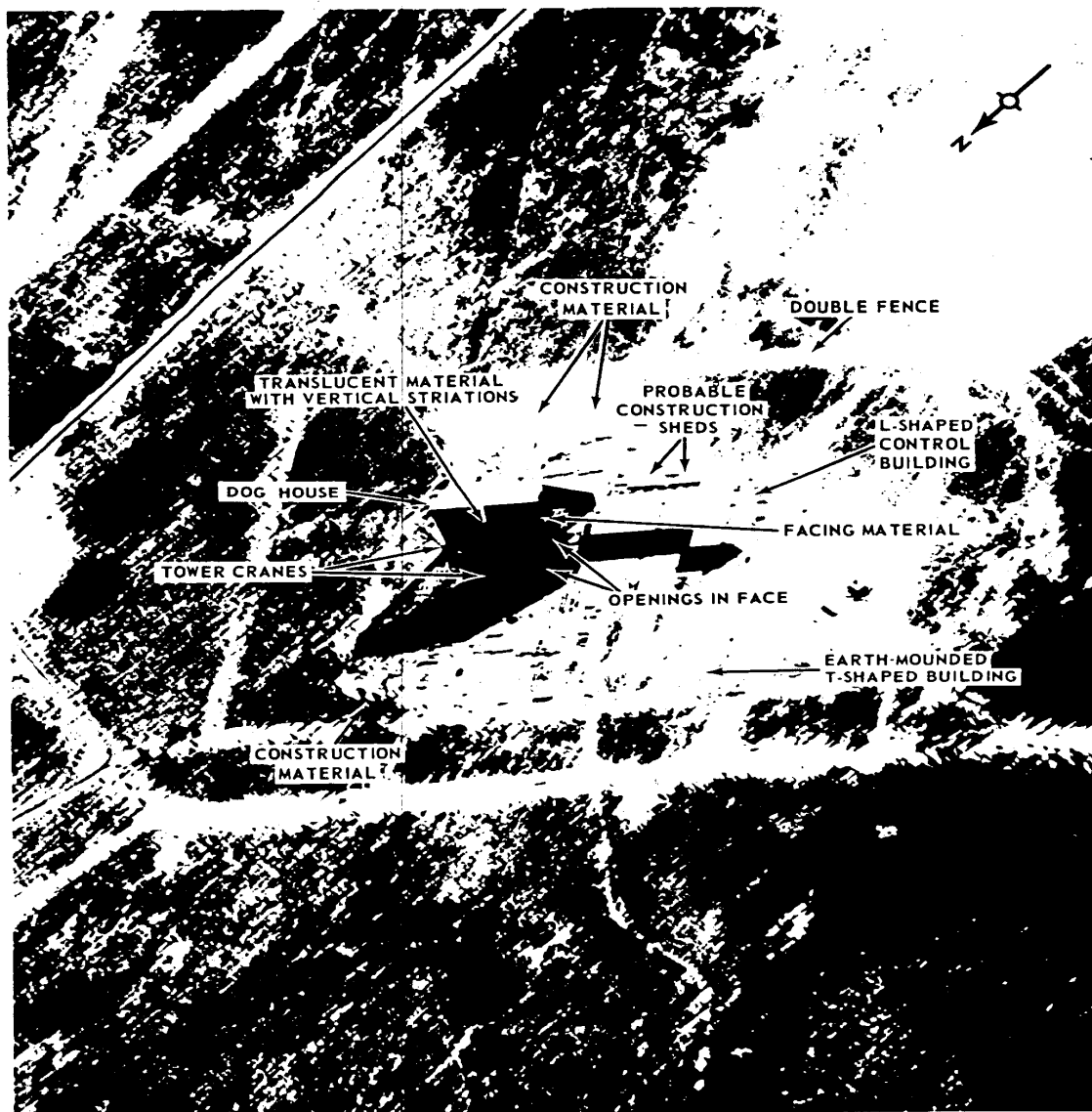
TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 12

25X1

25X1



OPERATIONAL AREA A, SUSPECT PHASED-ARRAY RADAR, NARO-FOMINSK, USSR
NPIC J-9883 (3/65)

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 13

25X1

25X1



OPERATIONAL AREA B, SUSPECT PHASED-ARRAY RADAR, NARO-FOMINSK, USSR
NPIC J-9884 (3/65)

25X1

TOP SECRET CHESS RUFF

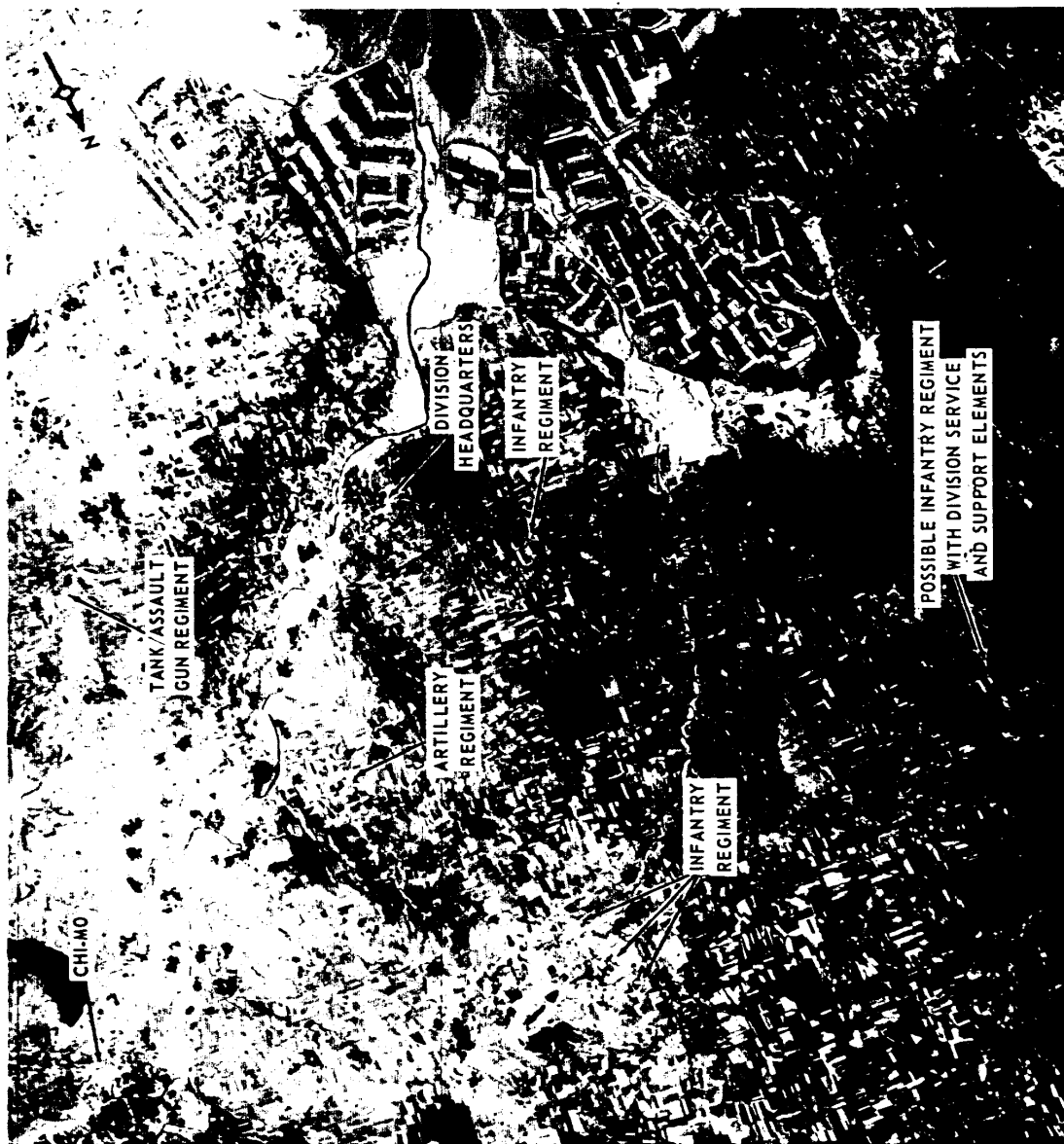
TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 14

25X1

25X1



INFANTRY DIVISION, CHI-MO AREA, CHINA

NPIC J-3386 (3/65)

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 15



TANK/ASSAULT-GUN REGIMENT, CHI-MO AREA, CHINA

NPIC 19885 (3/65)

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 16

225X1



ARTILLERY REGIMENT, CHILMO AREA, CHINA

NPIC J-9887 (3/65)

25X1

TOP SECRET CHESS RUFF

TOP SECRET

TOP SECRET